



SEQUENCE LISTING

RECEIVED

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TECH CENTER 1600/2900

<110> Gruber, Veronique
Bournat, Philippe
Merot, Bertrand

<120> Pancreatic Lipases and/or Recombinant Colipases and Derived Polypeptides
Produced by Plants, Methods for Obtaining Them and Use Thereof

<130> Seq. Nos. 1-14 for 1149-2

<140> 09/284,697

<141> 1999-07-06

<150> PCT/FR97/01862

<151> 1997-10-17

<160> 14

<170> PatentIn version 3.0

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<212> DNA

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<301> Lowe, M.E. et al.

<302> Cloning and Characterization of Human Pancreatic Lipase cDNA

<303> Journal of Biological Chemistry

<304> 264

<305> 33

<306> 20042-20048

<307> 1989-11-25

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Met Lys Ala Phe Thr Leu Ala Leu Phe Leu Ala Leu Ser Leu Tyr Leu
1 5 10 15

48

ctg ccc aat cca gcc cat tcc
Leu Pro Asn Pro Ala His Ser

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Leu Pro Asn Pro Ala His Ser
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<300>
 <301> Lowe, M.E., et al.
 <302> Cloning and Characterization of Human Pancreatic Lipase cDNA
 <303> Journal of Biological Chemistry
 <304> 264
 <305> 33
 <306> 20042-20048
 <307> 1989-11-25

<400> 3
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ctg ccc aat cca gcc cat tcc agg ttc aat ccc atc cgc ctc ccc acc 96
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 20 25 30

aca cac gaa ccc gcc
Thr His Glu Pro Ala
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111

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Leu Pro Asn Pro Ala His Ser Arg Phe Asn Pro Ile Arg Leu Pro Thr
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Thr His Glu Pro Ala
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aca cat ggt ctt ttt gga 66
Thr His Gly Leu Phe Gly
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<223> The cleavage sequence between two sequences coding for PSPHPL and
HPL is Gly-Lys

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aca cat ggt ctt ttt gga 66
Thr His Gly Leu Phe Gly
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 and HPCOL is Ala-Lys

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 Ala

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Ala

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restriction sites PacI, AscI, MluI and HpaI

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32